## WHAT IS CLAIMED IS:

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- 1. A printing system comprising:
- a printing apparatus;
- a terminal apparatus for transmitting and receiving information;

notification means for notifying a user of said printing apparatus of information on authority of the user to use said printing apparatus; and

a network connecting said printing apparatus, said terminal apparatus, and said notification means so that information transmission and reception in the system is performed through an electrical signal via said network.

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The printing system as claimed in claim
 wherein said network is a local area network.

The printing system as claimed in claim
 wherein said printing apparatus comprises said
 notification means.

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The printing system as claimed in claim
 wherein said notification means notifies the user
 of the information on the authority of the user to
 use said printing apparatus through said terminal
 apparatus.

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5. The printing system as claimed in claim
1, wherein said notification means notifies the user
of a change in the authority of the user to use said
20 printing apparatus when the change is effected.

25 6. The printing system as claimed in claim

1, wherein said notification means notifies the user of an entry of the authority of the user to use said printing apparatus when said printing apparatus is newly introduced to the system.

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7. The printing system as claimed in claim10 1, further comprising:

setting means for setting the authority of the user to use said printing apparatus; and

determination means for determining whether to perform printing based on user information or job information included in a print job transmitted from said terminal apparatus and on the authority of the user to use said printing apparatus,

wherein said setting means and said determination means are connected to said network.

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The printing system as claimed in claim
 7, further comprising usage authority management

means for managing the authority of the user to use said printing apparatus, said usage authority management means connected to said network and comprising said notification means.

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9. The printing system as claimed in claim
10 8, wherein said setting means, said determination
means, said notification means, and said usage
authority management means are realized by a
processing operation of a central processing unit.

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- 10. The printing system as claimed in claim
  7, wherein:
- 20 said terminal apparatus comprises:

inquiry means for transmitting to said determination means an inquiry as to whether the user has the authority to use said printing apparatus; and presentation means for presenting the

25 user with a result of the inquiry received from said

notification means; and

said notification means notifies the user whether the user has the authority to use said printing apparatus upon receiving the inquiry transmitted from said inquiry means.

10. It is printing system as claimed in claim.
10, wherein said inquiry means transmits the inquiry when said terminal apparatus is activated.

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12. The printing system as claimed in claim 10, wherein said inquiry means transmits the inquiry before said terminal apparatus transmits a request to execute the print job to said printing apparatus.

25 13. The printing system as claimed in claim

7, wherein the authority of the user to use said printing apparatus is set for each of functions of said printing apparatus.

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14. The printing system as claimed in claim
13, wherein said terminal apparatus further comprises
10 means for modifying printing conditions of the print
job so that the printing conditions exclude a
printing condition using a function that the user is
not authorized to use.

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13. The printing system as claimed in claim
13, wherein said terminal apparatus further comprises
20 means for modifying a printing condition of the print
job which condition uses a function that the user is
not authorized to use so that the printing condition
uses only a function that the user is authorized to
use.

16. The printing system as claimed in claim 13, wherein said terminal apparatus further comprises means for requesting the user to modify printing conditions of the print job so that the printing conditions exclude a printing condition using a function that the user is not authorized to use.

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17. The printing system as claimed in claim
13, wherein said terminal apparatus further comprises
means for requesting the user to modify a printing
condition of the print job which condition uses a
function that the user is not authorized to use so
that the printing condition uses only a function that
the user is authorized to use.

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18. The printing system as claimed in claim
13, wherein said terminal apparatus obtains the
information on the authority of the user set for each
5 of the functions of said printing apparatus and

presents the user with the obtained information before transmitting a request to execute the print job to said printing apparatus.

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19. A printing apparatus comprising:

a central processing unit controlling an

10 operation of the entire printing apparatus; and

notification means for notifying a user of
the printing apparatus of information on authority of
the user to use the printing apparatus.

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20. The printing apparatus as claimed in claim 19, wherein said notification means is

20 connected to a terminal apparatus via a network and notifies the user of the information on the authority thereof to use the printing apparatus through the terminal apparatus.

21. The printing apparatus as claimed in claim 20, wherein the network is a local area network.

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22. The printing apparatus as claimed in claim 20, further comprising setting means for setting the authority of the user to use the printing apparatus, said setting means being connected to the network.

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23. The printing apparatus as claimed in claim 20, wherein said notification means notifies the user of a change in the authority of the user to use said printing apparatus when the change is effected.

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24. The printing apparatus as claimed in

claim 20, wherein said notification means notifies the user of an entry of the authority of the user to use said printing apparatus when said printing apparatus is newly introduced to the system.

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25. The printing apparatus as claimed in claim 20, wherein said notification means notifies the user whether the user has the authority to use said printing apparatus upon receiving an inquiry transmitted from the terminal apparatus.

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26. The printing apparatus as claimed in claim 25, wherein the authority of the user to use said printing apparatus is set for each of functions of the printing apparatus.

27. A terminal apparatus comprising:

a central processing unit controlling an

operation of the entire terminal apparatus;

inquiry means for transmitting an inquiry as

to whether a user of a printing apparatus has

authority to use the printing apparatus; and

presentation means for presenting the user

with a result of the inquiry.

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The terminal apparatus as claimed in 28. claim 27, wherein said inquiry means and said presentation means are connected via a network to the 15 printing apparatus, determination means for determining whether to perform printing based on user information or job information included in a print job transmitted from the terminal apparatus and on the authority of the user to use the printing 20 apparatus, and notification means for notifying the user of information on the authority of the user to use the printing apparatus so that said inquiry means transmits the inquiry to the determination means and said presentation means receives the result from the 25

notification means.

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29. The terminal apparatus as claimed in claim 28, wherein the network is a local area network.

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30. The terminal apparatus as claimed in claim 27, wherein said inquiry means transmits the inquiry when the terminal apparatus is activated.

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31. The terminal apparatus as claimed in claim 27, wherein said inquiry means transmits the inquiry before the terminal apparatus transmits a request to execute a print job to the printing apparatus.

32. The terminal apparatus as claimed in claim 27, wherein the authority of the user to use the printing apparatus is set for each of functions of the printing apparatus.

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33. The terminal apparatus as claimed in claim 32, further comprising means for modifying printing conditions of the print job so that the printing conditions exclude a printing condition using a function that the user is not authorized to use.

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34. The terminal apparatus as claimed in claim 32, further comprising means for modifying a printing condition of the print job which condition uses a function that the user is not authorized to use so that the printing condition uses only a function that the user is authorized to use.

35. The terminal apparatus as claimed in claim 32, further comprising means for requesting the user to modify printing conditions of the print job so that the printing conditions exclude a printing condition using a function that the user is not authorized to use.

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36. The terminal apparatus as claimed in claim 32, further comprising means for requesting the user to modify a printing condition of the print job which condition uses a function that the user is not authorized to use so that the printing condition uses only a function that the user is authorized to use.

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37. The terminal apparatus as claimed in claim 32, wherein the information on the authority of the user set for each of the functions of the printing apparatus is obtained and presented to the user before a request to execute the print job is

transmitted to the printing apparatus.

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of:

38. A printing method comprising the steps

(a) setting authority of a user of a printing apparatus to use the printing apparatus; and

10 (b) notifying the user of information on the authority of the user to use the printing apparatus through an electrical signal via a network.

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39. The printing method as claimed in claim
38, wherein the network is a local area network.

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40. The printing method as claimed in claim 38, wherein the printing apparatus performs said step 25 (b).

41. The printing method as claimed in claim 38, wherein said step (b) notifies the user of the information on the authority of the user to use the printing apparatus through a terminal apparatus.

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42. The printing method as claimed in claim
10 38, wherein said step (b) notifies the user of a
change in the authority of the user to use the
printing apparatus when the change is effected.

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43. The printing method as claimed in claim 38, wherein said step (b) notifies the user of an entry of the authority of the user to use the printing apparatus when the printing apparatus is newly introduced.

44. The printing method as claimed in claim 38, further comprising the step of (c) determining whether to perform printing based on user information or job information included in a print job and on the authority of the user to use the printing apparatus.

45. The printing method as claimed in claim
44, wherein said steps (a) through (c) are performed
by a processing operation of a central processing
unit.

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- 46. The printing method as claimed in claim 44, further comprising the steps of:
- 20 (d) inquiring whether the user has the authority to use the printing apparatus; and
  - (e) presenting the user with a result of said step (d),

wherein said step (b) notifies the user 25 whether the user has the authority to use the

printing apparatus when said step (d) is performed.

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47. The printing method as claimed in claim 46, wherein said steps (d) and (e) are performed by a terminal apparatus.

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48. The printing method as claimed in claim
46, wherein said step (d) is performed when a
15 terminal apparatus is activated.

49. The printing method as claimed in claim
46, further comprising the step of (f) transmitting a
request to execute the print job to the printing
apparatus,

wherein said step (d) is performed before 25 said step (f).

50. The printing method as claimed in claim 49, wherein said step (f) is performed by a terminal apparatus.

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51. The printing method as claimed in claim
49, wherein said steps (d) through (f) are performed
10 by a processing operation of a central processing
unit through an electrical signal via the network.

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52. The printing method as claimed in claim 46, wherein the authority of the user to use the printing apparatus is set for each of functions of the printing apparatus.

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53. The printing method as claimed in claim 25 52, further comprising the step of (f) modifying

printing conditions of the print job so that the printing conditions exclude a printing condition using a function that the user is not authorized to use.

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54. The printing method as claimed in claim
10 53, wherein said step (f) is performed by a terminal
apparatus.

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55. The printing method as claimed in claim 52, further comprising the step of (f) modifying a printing condition of the print job which condition uses a function that the user is not authorized to use so that the printing condition uses only a function that the user is authorized to use.

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56. The printing method as claimed in claim 55, wherein said step (f) is performed by a terminal apparatus.

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57. The printing method as claimed in claim 52, further comprising the step of (f) requesting the user to modify printing conditions of the print job so that the printing conditions exclude a printing condition using a function that the user is not authorized to use.

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58. The printing method as claimed in claim 57, wherein said step (f) is performed by a terminal 20 apparatus.

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59. The printing method as claimed in claim

52, further comprising the step of (f) requesting the user to modify a printing condition of the print job which condition uses a function that the user is not authorized to use so that the printing condition uses only a function that the user is authorized to use.

10 60. The printing method as claimed in claim 59, wherein said step (f) is performed by a terminal apparatus.

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61. A storage medium comprising: a program for printing,

said program causing a computer to execute 20 the steps of:

- (a) setting authority of a user of a printing apparatus to use the printing apparatus; and
- (b) notifying the user of information on the authority of the user to use the printing apparatus through an electrical signal via a network.

62. The storage medium as claimed in claim 61, wherein the network is a local area network.

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63. The storage medium as claimed in claim 61, wherein the computer causes the printing apparatus to perform said step (b).

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64. The storage medium as claimed in claim
15 61, wherein said step (b) notifies the user of the
information on the authority of the user to use the
printing apparatus through a terminal apparatus.

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65. The storage medium as claimed in claim 61, wherein said step (b) notifies the user of a change in the authority of the user to use the printing apparatus when the change is effected.

66. The storage medium as claimed in claim 61, wherein said step (b) notifies the user of an entry of the authority of the user to use the printing apparatus when the printing apparatus is newly introduced.

67. The storage medium as claimed in claim 61, wherein said program causes the computer to further execute the step of (c) determining whether to perform printing based on user information or job information included in a print job and on the authority of the user to use the printing apparatus.

- 68. The storage medium as claimed in claim 67, wherein said program causes the computer to further execute the steps of:
  - (d) inquiring whether the user has the authority to use the printing apparatus; and
- (e) presenting the user with a result of

said step (d),

wherein said step (b) notifies the user whether the user has the authority to use the printing apparatus when said step (d) is performed.

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69. The storage medium as claimed in claim
10 68, wherein the computer causes a terminal apparatus
to perform said steps (d) and (e).

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70. The storage medium as claimed in claim 68, wherein said step (d) is performed when a terminal apparatus is activated.

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71. The storage medium as claimed in claim 68, wherein said program causes the computer to 25 further execute the step of (f) transmitting a

request to execute the print job to the printing apparatus,

 $\label{eq:wherein said step (d) is performed before} % \[ \begin{array}{c} \text{ said step (d) is performed before} \\ \text{ said step (f)}. \end{array}$ 

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72. The storage medium as claimed in claim 10 71, wherein the computer causes a terminal apparatus to perform said step (f).

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73. The storage medium as claimed in claim 71, wherein said steps (d) through (f) are performed through an electrical signal via the network.

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74. The storage medium as claimed in claim 68, wherein the authority of the user to use the 25 printing apparatus is set for each of functions of

the printing apparatus.

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75. The storage medium as claimed in claim 74, wherein said program causes the computer to further execute the step of (f) modifying printing conditions of the print job so that the printing conditions exclude a printing condition using a function that the user is not authorized to use.

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76. The storage medium as claimed in claim 75, wherein the computer causes a terminal apparatus to perform said step (f).

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77. The storage medium as claimed in claim
74, wherein said program causes the computer to
25 further execute the step of (f) modifying a printing

condition of the print job which condition uses a function that the user is not authorized to use so that the printing condition uses only a function that the user is authorized to use.

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78. The storage medium as claimed in claim
10 77, wherein the computer causes a terminal apparatus
to perform said step (f).

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79. The storage medium as claimed in claim
74, wherein said program causes the computer to
further execute the step of (f) requesting the user
to modify printing conditions of the print job so
20 that the printing conditions exclude a printing
condition using a function that the user is not
authorized to use.

80. The storage medium as claimed in claim 79, wherein the computer causes a terminal apparatus to perform said step (f).

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81. The storage medium as claimed in claim
74, wherein said program causes the computer to
10 further execute the step of (f) requesting the user
to modify a printing condition of the print job which
condition uses a function that the user is not
authorized to use so that the printing condition uses
only a function that the user is authorized to use.

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82. The storage medium as claimed in claim
20 81, wherein the computer causes a terminal apparatus
to perform said step (f).

- 83. A printing system comprising:
- a printing apparatus;
- a terminal apparatus for transmitting and receiving information;
- a notification part notifying a user of said printing apparatus of information on authority of the user to use said printing apparatus; and

a network connecting said printing apparatus, said terminal apparatus, and said notification part

so that information transmission and reception in the system is performed through an electrical signal via said network.

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84. The printing system as claimed in claim 83, wherein said network is a local area network.

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85. The printing system as claimed in claim 83, wherein said printing apparatus comprises said notification part.

86. The printing system as claimed in claim 83, wherein said notification part notifies the user of the information on the authority of the user to use said printing apparatus through said terminal apparatus.

87. The printing system as claimed in claim 83, wherein said notification part notifies the user of a change in the authority of the user to use said printing apparatus when the change is effected.

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88. The printing system as claimed in claim 83, wherein said notification part notifies the user of an entry of the authority of the user to use said printing apparatus when said printing apparatus is newly introduced to the system.

89. The printing system as claimed in claim 83, further comprising:

a setting part setting the authority of the user to use said printing apparatus; and

a determination part determining whether to perform printing based on user information or job information included in a print job transmitted from said terminal apparatus and on the authority of the user to use said printing apparatus,

wherein said setting part and said determination part are connected to said network.

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90. The printing system as claimed in claim 89, further comprising a usage authority management part managing the authority of the user to use said printing apparatus, said usage authority management part connected to said network and comprising said notification part.

91. The printing system as claimed in claim 90, wherein said setting part, said determination part, said notification part, and said usage authority management part are realized by a processing operation of a central processing unit.

92. The printing system as claimed in claim 89, wherein:

said terminal apparatus comprises:

an inquiry part transmitting to said

determination part an inquiry as to whether the user

has the authority to use said printing apparatus; and

a presentation part presenting the user

with a result of the inquiry received from said

notification part; and

said notification part notifies the user

whether the user has the authority to use said

printing apparatus upon receiving the inquiry

transmitted from said inquiry part.

93. The printing system as claimed in claim 92, wherein said inquiry part transmits the inquiry when said terminal apparatus is activated.

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94. The printing system as claimed in claim 92, wherein said inquiry part transmits the inquiry 10 before said terminal apparatus transmits a request to execute the print job to said printing apparatus.

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95. The printing system as claimed in claim 89, wherein the authority of the user to use said printing apparatus is set for each of functions of said printing apparatus.

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96. The printing system as claimed in claim 25 95, wherein said terminal apparatus further comprises

a part modifying printing conditions of the print job so that the printing conditions exclude a printing condition using a function that the user is not authorized to use.

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97. The printing system as claimed in claim
10 95, wherein said terminal apparatus further comprises
a part modifying a printing condition of the print
job which condition uses a function that the user is
not authorized to use so that the printing condition
uses only a function that the user is authorized to
use.

98. The printing system as claimed in claim 95, wherein said terminal apparatus further comprises a part requesting the user to modify printing conditions of the print job so that the printing conditions exclude a printing condition using a function that the user is not authorized to use.

99. The printing system as claimed in claim 95, wherein said terminal apparatus further comprises a part requesting the user to modify a printing condition of the print job which condition uses a function that the user is not authorized to use so that the printing condition uses only a function that the user is authorized to use.

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100. The printing system as claimed in claim 95, wherein said terminal apparatus obtains the information on the authority of the user set for each of the functions of said printing apparatus and presents the user with the obtained information before transmitting a request to execute the print job to said printing apparatus.

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101. A printing apparatus comprising:

a central processing unit controlling an

25 operation of the entire printing apparatus; and

a notification part notifying a user of the printing apparatus of information on authority of the user to use the printing apparatus.

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102. The printing apparatus as claimed in claim 101, wherein said notification part is

10 connected to a terminal apparatus via a network and notifies the user of the information on the authority thereof to use the printing apparatus through the terminal apparatus.

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103. The printing apparatus as claimed in claim 102, wherein the network is a local area
20 network.

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104. The printing apparatus as claimed in

claim 102, further comprising a setting part setting the authority of the user to use the printing apparatus, said setting part being connected to the network.

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105. The printing apparatus as claimed in claim 102, wherein said notification part notifies the user of a change in the authority of the user to use said printing apparatus when the change is effected.

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106. The printing apparatus as claimed in claim 102, wherein said notification part notifies
20 the user of an entry of the authority of the user to use said printing apparatus when said printing apparatus is newly introduced to the system.

107. The printing apparatus as claimed in claim 102, wherein said notification part notifies the user whether the user has the authority to use said printing apparatus upon receiving an inquiry transmitted from the terminal apparatus.

108. The printing apparatus as claimed in claim 107, wherein the authority of the user to use said printing apparatus is set for each of functions of the printing apparatus.

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a central processing unit controlling an
operation of the entire terminal apparatus;
an inquiry part transmitting an inquiry as
to whether a user of a printing apparatus has
authority to use the printing apparatus; and
a presentation part presenting the user with
25 a result of the inquiry.

110. The terminal apparatus as claimed in claim 109, wherein said inquiry part and said presentation part are connected via a network to the printing apparatus, a determination part determining whether to perform printing based on user information or job information included in a print job transmitted from the terminal apparatus and on the authority of the user to use the printing apparatus, and a notification part notifying the user of 10 information on the authority of the user to use the printing apparatus so that said inquiry part transmits the inquiry to the determination part and said presentation part receives the result from the notification part.

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111. The terminal apparatus as claimed in 20 claim 110, wherein the network is a local area network. 112. The terminal apparatus as claimed in claim 109, wherein said inquiry part transmits the inquiry when the terminal apparatus is activated.

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113. The terminal apparatus as claimed in claim 109, wherein said inquiry part transmits the inquiry before the terminal apparatus transmits a request to execute a print job to the printing apparatus.

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114. The terminal apparatus as claimed in claim 109, wherein the authority of the user to use the printing apparatus is set for each of functions of the printing apparatus.

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115. The terminal apparatus as claimed in

claim 114, further comprising a part modifying printing conditions of the print job so that the printing conditions exclude a printing condition using a function that the user is not authorized to use.

116. The terminal apparatus as claimed in claim 114, further comprising a part modifying a printing condition of the print job which condition uses a function that the user is not authorized to use so that the printing condition uses only a function that the user is authorized to use.

20 117. The terminal apparatus as claimed in claim 114, further comprising a part requesting the user to modify printing conditions of the print job so that the printing conditions exclude a printing condition using a function that the user is not authorized to use.

118. The terminal apparatus as claimed in claim 114, further comprising a part requesting the user to modify a printing condition of the print job which condition uses a function that the user is not authorized to use so that the printing condition uses only a function that the user is authorized to use.

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119. The terminal apparatus as claimed in claim 114, wherein the information on the authority of the user set for each of the functions of the printing apparatus is obtained and presented to the user before a request to execute the print job is transmitted to the printing apparatus.